

CLAIMS:

1. (Original) A navigational device comprising:
 - a first input port for receiving a sensor signal from a sensor, the sensor signal being representative of a sensed condition;
 - a second input port for receiving a location signal, the location signal being representative of a location of the navigational device;
 - a display screen including a first display area for displaying information corresponding to the sensed condition and a second display area for displaying information corresponding to the location signal; and
 - a computing device coupled with the display screen, the computing device being operable to permit a viewer to selectively adjust a size of the first and second display areas to change the relative portion of the display screen that is occupied by the first and second display areas.
2. (Original) The navigational device as set forth in claim 1, the computing device being operable to permit the viewer to smoothly adjust the size of the first and second display areas to a number of different sizes.
3. (Original) The navigational device as set forth in claim 1, the sensor including a sonic transducer, the sensed condition including depth of a body of water.
4. (Original) The navigational device as set forth in claim 3, the information corresponding to the sensed condition including a depth display.

5. (Original) The navigational device as set forth in claim 1, the location signal including a GPS signal.

6. (Original) The navigational device as set forth in claim 5, the information corresponding to the location signal including a GPS map.

7. (Original) A navigational device comprising:

an input port for receiving a sensor signal from a sensor, the sensor signal being representative of a sensed condition;

a display screen including a first display area for displaying a first set of information corresponding to the sensed condition and a second display area for displaying a second set of information corresponding to the sensed condition ; and

a computing device coupled with the display screen, the computing device being operable to permit a viewer to selectively adjust a size of the first and second display areas to change the relative portion of the display screen that is occupied by the first and second display areas.

8. (Original) The navigational device as set forth in claim 7, the computing device being operable to permit the viewer to smoothly adjust the size of the first and second display areas to a number of different sizes.

9. (Original) The navigational device as set forth in claim 7, the sensor including a sonic transducer, the sensed condition including depth of a body of water.

10. (Original) The navigational device as set forth in claim 9, the first set of information including a depth display and the second set of information including an enlarged depth display:

11. (Original) In a navigational device including a display screen having a first display area for displaying a first set of information and a second display area for displaying a second set of information and a computing device coupled with the display screen, a computer program for instructing the computing device to operate as follows:

receiving a request from a viewer to adjust a size of the first and second display areas;

adjusting the size of the first and second display areas in response to the request to change the relative portion of the display screen that is occupied by the first and second display areas; and

displaying the first and second sets of information in the first and second display areas after the first and second display areas have been resized.

12. (Previously Added) A navigational device comprising:
a first input port for receiving a sensor signal from a sonic transducer, the sensor signal being representative of a depth of a body of water;
a second input port for receiving a GPS signal, the GPS signal being representative of a location of the navigational device;
a display screen including a first display area for displaying a depth display corresponding to the sensor signal and a second display area for displaying a GPS map corresponding to the GPS signal; and

a computing device coupled with the display screen, the computing device being operable to permit a viewer to selectively adjust a size of the first and second display areas to change the relative portion of the display screen that is occupied by the first and second display areas, wherein adjusting the size of the first display area automatically results in a proportional adjustment of the second display area.

13. (Previously Added) The navigational device as set forth in claim 12, the computing device being operable to permit the viewer to smoothly adjust the size of the first and second display areas to a number of different sizes.

14. (Previously Added) The navigational device as set forth in claim 12, wherein each display area is constrained as to the relative portion of the display screen that it may occupy according to a left adjustment limit and a right adjustment limit.

15. (Previously Added) The navigational device as set forth in claim 14, wherein the first display area may occupy between twenty-five and fifty percent of the display screen.

16. (Previously Added) The navigational device as set forth in claim 14, wherein the second display area may occupy between fifty and seventy-five percent of the display screen.

17. (Previously Added) The navigational device as set forth in claim 14, wherein the computing device is further operable to check input received from

the viewer against the adjustment limits and generate an error signal when one of the adjustment limits has been exceeded.

18. (Previously Added) The navigational device as set forth in claim 12, the computing device being operable to permit the viewer to smoothly adjust the size of the first and second display areas limited only by the size and resolution of the display screen.

19. (Previously Added) A navigational device comprising:
a first input port for receiving a sensor signal from a sonic transducer, the sensor signal being representative of a depth of a body of water;
a second input port for receiving a GPS signal, the GPS signal being representative of a location of the navigational device;
a display screen including:
a first display area operable to occupy between twenty-five and fifty percent of the display screen and display a depth display corresponding to the sensor signal, and
a second display area operable to occupy that portion of the display area not occupied by the first display area and display a GPS map corresponding to the GPS signal; and
a computing device coupled with the display screen, the computing device being operable to permit a viewer to selectively adjust a size of the first and second display areas to change relative portions of the display screen that are occupied by the first and second display areas, wherein adjusting the size of the first display area automatically

results in an inversely proportional adjustment of the second display area.

20. (Previously Added) The navigational device as set forth in claim 19, the computing device being operable to permit the viewer to smoothly adjust the size of the first and second display areas to a number of different sizes.

21. (Previously Added) The navigational device as set forth in claim 19, wherein the computing device is further operable to check input received from the viewer against adjustment limits and generate an error signal when one of the adjustment limits has been reached.

22. (Previously Added) The navigational device as set forth in claim 19, the computing device being operable to permit the viewer to smoothly adjust the size of the first and second display areas limited only by the size and resolution of the display screen.

23. (Previously Added) A method of adjusting a display screen of a navigational device having a first display area for displaying a first set of information and a second display area for displaying a second set of information and a computing device coupled with the display screen, the method comprising the steps of:

receiving in the computing device an indication of a viewer's desire to resize the display areas;
receiving in the computing device a left adjustment indication, thereby indicating the viewer's desire to enlarge the first display area;

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checking in the computing device to determine if the left adjustment indication would exceed a left adjustment limit; generating an error signal if the left adjustment limit would be exceeded; moving a divider line between the display areas leftward if the left adjustment limit would not be exceeded, thereby enlarging the first display area and simultaneously reducing the second display area; receiving in the computing device a right adjustment indication, thereby indicating the viewer's desire to reduce the first display area; checking in the computing device to determine if the right adjustment indication would exceed a right adjustment limit; generating an error signal if the right adjustment limit would be exceeded; and moving a divider line between the display areas rightward if the right adjustment limit would not be exceeded, thereby reducing the first display area and simultaneously enlarging the second display area.